

STIC Database Tracking Number: 354009

**To: Mark Fadok**  
**Location: 5D05**  
**Art Unit: 3625**  
**Date: 01/24/2011**  
**Case Serial Number: 09/677954**

**From: Eileen Patton**  
**Location: EIC3600**  
**KNX 2D08A**  
**Phone: (571) 272-3413**  
**eileen.patton@uspto.gov**

## Search Notes

Dear Examiner Fadok:

Please find attached the results of your search for the above-referenced case. The search was conducted in Dialog, QPat, Nexis and the internet (Google, Bing, Google Patents).

I have listed *potential* references of interest in the first part of the search results. However, please be sure to scan through the entire report. There may be additional references that you might find useful.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!

<b>I. POTENTIAL REFERENCES OF INTEREST.....</b>	<b>3</b>
A. Dialog .....	3
B. Additional Resources Searched.....	4
<b>II. TEXT SEARCH RESULTS FROM DIALOG.....</b>	<b>8</b>
A. Patent Files, Abstract.....	8
B. Patent Files, Full-Text.....	17
<b>III. TEXT SEARCH RESULTS FROM DIALOG .....</b>	<b>26</b>
A. NPL Files, Abstract.....	26
B. NPL Files, Full-text .....	27
<b>IV. ADDITIONAL RESOURCES SEARCHED.....</b>	<b>30</b>

*\*EIC-Searcher identified “potential references of interest” are selected based upon their apparent relevance to the terms/concepts provided in the examiner’s search request.*

## I. Potential References of Interest

### A. Dialog

14/3,K/4 (Item 4 from file: 350)

DIAL.OG(R)File 350; Derwent WPIX

(c) 2011 Thomson Reuters. All rights reserved.

0010782305

WPI Acc no: 2001-397303/200142

Related WPI Acc No: 2009-F92525

**Information accessing and retrieving system on internet, has search unit to access information on world wide web that matches information in key phrase field, and to store information in columns of data table**

Patent Assignee: HIMMELSTEIN R B (HIMM-I)

Inventor: HIMMELSTEIN R B

Patent Family ( 13 patents, 92 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2001006397	A2	20010125	WO 2000US19201	A	20000714	200142	B
AU 200063464	A	20010205	AU 200063464	A	20000714	200142	E
EP 1238348	A2	20020911	EP 2000950348	A	20000714	200267	E
			WO 2000US19201	A	20000714		
EP 1238348	B1	20040128	EP 2000950348	A	20000714	200410	E
			WO 2000US19201	A	20000714		
DE 60008023	E	20040304	DE 60008023	A	20000714	200419	E
			EP 2000950348	A	20000714		
			WO 2000US19201	A	20000714		
US 20070192411	A1	20070816	US 2000585151	A	20000601	200755	E
			US 2007691073	A	20070326		
US 20070203896	A1	20070830	US 1999143982	P	19990715	200759	E
			US 2000174561	P	20000105		
			US 2000585151	A	20000601		
			US 2007691120	A	20070326		
US 20070220119	A1	20070920	US 2000585151	A	20000601	200763	E
			US 2007691097	A	20070326		
US 7272637	B1	20070918	US 2000585151	A	20000601	200763	E
US 7543039	B2	20090602	US 2007691073	A	20070326	200936	E
US 7543040	B2	20090602	US 2007691120	A	20070326	200938	E
US 7594000	B2	20090922	US 2007691097	A	20070326	200962	NCE
US 20090300140	A1	20091203	US 1999143982	P	19990715	200979	E
			US 2000174561	P	20000105		
			US 2000585151	A	20000601		

			US 2007691120	A	20070326
			US 2009476230	A	20090601

Priority Applications (no., kind, date): US 1999143982 P 19990715; US 2000174561 P 20000105; US 2000585151 A 20000601; US 2007691073 A 20070326; US 2007691097 A 20070326; US 2007691120 A 20070326; US 2009476230 A 20090601

Original Abstracts: A data table that is customizable by a user prior to accessing the internet or after accessing the internet. The user may use a simple keyword, such as a telephone number..

Claims:interactive directory system for permitting a user to access and retrieve information from a network of computers, comprising: a key phrase field for accepting a search term;a data table that is selectively definable by a user comprising: at least two columns, each of said columns having a column heading, at least one of the column headings being...

Full text PDF attached: US7272637.pdf

## B. Additional Resources Searched

### EPA Customized Query Engine

<http://www.epa.gov/enviro/html/tris/adhoc.html>

There are four steps to using this query engine:

1. Select one or more of the subjects listed below, one at a time.
2. Select your tables of interest from the subjects selected.
3. Select columns (data elements or fields) from the selected tables.
4. Enter your search criteria to target specific records from the database.

**STEP 4: Enter Search Criteria and Organize the Output**

Query Options for Selected Columns:

Column Name	Operator Definition	Search Value	Column Display Order	Sort Column	Sort Order	Where Only
Facility Name	Equal to				Ascending	<input type="checkbox"/>
Event start year	Equal to				Ascending	<input type="checkbox"/>
Incident Release Estimate	Equal to				Ascending	<input type="checkbox"/>
Category: Media of the Release	Equal to				Ascending	<input type="checkbox"/>
Region	Equal to	1 List All Regions			Ascending	<input type="checkbox"/>
Assigned Agency	Equal to	2 List All Assigned Agency(s)			Ascending	<input type="checkbox"/>




Dated to 1999 using Wayback Machine from Archive.org

[http://web.archive.org/web/\\*/http://www.epa.gov/enviro/html/tris/adhoc.html](http://web.archive.org/web/*/http://www.epa.gov/enviro/html/tris/adhoc.html)**QPat****Navigable search engine**

(Full text PDF attached: NavigableSearchEngine.PDF)

OH &amp; J

Inventor:

OH YOUNG-JUNE

Orig. Inventor:

Oh, Young-June; South Perth, [AU]

Patent Assignee:

OH &amp; J

Orig. Applicant/Assignee: OH, Young, June; 41 Canning Highway, South Perth, W.A. 6151 (AU)

Patent Assignee History:

(A1) OH YOUNG JUNE (AU)

(D0) OH Y J

OH YOUNG JUNE

FamPat family

Publication NumberKindPublication date

AUPQ903400

D0 20000817

**STG:** Patent application filed

**AP:** 2000AU-0009034 20000727

WO200210973

A1 20020207

**STG:** International publication with international search report

**AP:** 2001WO-AU00927 20010727

AU7617501

A 20020213

**STG:** Open to public inspection

**AP:** 2001AU-0076175 20010727

US2003182274

A1 20030925

**STG:** First published patent application

**AP:** 2003US-0343027 20030127

Links



Priority Nbr:

- 2000AU-0009034 20000727
- 2001AU-0076175 20010727
- 2001WO-AU00927 20010727

AUPQ903400 20000817 **Abstract:** A navigable **search engine** architecture comprising a plurality of search look up **tables** (10) having predetermined search **values selectable** by a user to define a search criteria, a plurality of target directories (14) consisting of target items that a search may be targeted to find, each directory organised with multi-level nodes, the nodes at each level having a heading that identifies a common **characteristic** or the target items linked to that node and a plurality of target directory indices (16) that are employed by the search engine to navigate through the target directories, each target directory index providing a link between each of said nodes in the target directories and related search **values** provided in said look up tables. When a user has defined a search criteria using said search **values**, the **search engine** finds and lists (20) the headings of the nodes that are related to said search criteria.

---

## Method and apparatus for database interrogation using a user-defined table

(Full text PDF attached: US\$752016.PDF)

Inventor:

- WHITTAKER STEPHEN
- HARRISON KEITH
- STENTON PHILIP

- PROUDIAN DEREK
- HADDOCK NICHOLAS

Patent Assignee:

- HEWLETT PACKARD

Orig. Applicant/Assignee: Hewlett-Packard Company, Palo Alto CA [US]

Patent Assignee History:

PROUDIAN DEREK; FROM 19911114 TO 19911114

HEWLETT PACKARD; FROM 19911114 TO 19980520

HADDOCK NICHOLAS; FROM 19911121 TO 19911121

HARRISON KEITH; FROM 19911121 TO 19911121

WHITTAKER STEPHEN; FROM 19911121 TO 19911121

STENTON PHILIP; FROM 19911205 TO 19911205

HEWLETT PACKARD; FROM 19980520

FamPat family

Publication NumberKindPublication date

[US5752016](#) A 19980512

Links



**STG:** Patent

**AP :** 1995US-0428397 19950425

**FD :** Continuation of: US761961 19920330 [1992US-0761961]  
(Abandoned)

Priority Nbr:

- 1990GB-0002874 19900208
- 1990GB-0002876 19900208
- 1992US-0761961 19920330
- 1995US-0428397 19950425

#### HEWLETT PACKARD

US5752016 19980512 **Abstract:** A graphical method of interrogating a computer database is provided, the database having a number of records and a number of dimensions in which each record is represented, the dimensions including headings and the method comprising providing a blank elementary select table, adding user-determined row and column headings and executing a program which fills in the cells with data corresponding to the set intersections of the row and column headings.

## II. Text Search Results from Dialog

### A. Patent Files, Abstract

**File 347:JAPIO Dec 1976-2009/May(Updated 090903)**

(c) 2009 JPO & JAPIO

**File 350:Derwent WPIX 1963-2009/UD=200956**

(c) 2009 Thomson Reuters

Set	Items	Description
S1	14254	((SEARCH? OR METASEARCH?)(3N)(ENGINE OR ENGINES OR TOOL? ? - OR INTERFACE? ?))
S2	289	(TABLE OR TABLES OR GRID OR GRIDS OR TABULATED OR TABULATI- ON OR TABULAR OR ROWS(5N)COLUMNS OR MATRIX OR MATRICES)(5N)S1
S3	586	(CUSTOM OR CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERSON- ALIS? OR INDIVIDUALIZ?)(4N)(TABLE OR TABLES OR GRID OR GRIDS - OR TABULATED OR TABULATION OR TABULAR OR ROWS(4N)COLUMNS OR M- ATRIX OR MATRICES)
S4	50	(CREAT? OR BUILD? OR (SET OR SETS OR SETTING)()UP OR SETUP OR CONSTRUCT? OR DESIGN? OR GENERAT? OR PRODUCE? ? OR PRODUCTI- NG OR ARRANG? OR CONFIGUR?)(5N)S2
S5	283251	((SELECT? OR CHOOSE? OR CHOICE OR CHOSEN OR SPECIFY? OR SPEC- IFIE? ? OR DESIGNAT? OR PICK OR PICKS OR PICKED OR PICKING OR INDICAT? OR CLICK? OR DECID?)(5N)(FEATURE OR FEATURES OR OPTIO- ON? ? OR ATTRIBUTE OR ATTRIBUTES OR PARAMETER? ? OR PREFERENC- E? ? OR VARIABLE? ? OR CHARACTERISTIC? ? OR AMENIT? OR INTERE- ST? ? OR SOURCE OR SOURCES OR KEYWORD? ? OR KEYTERM? ? OR (KEY OR SEARCH)() (WORD? ? OR TERM? ?))
S6	0	S2 AND S3 AND S4 AND S5
S7	5	S4 AND S5
S8	1	S2 AND S3
S9	0	S3 AND S4
S10	6	S7 OR S8
S11	78583	((SEARCH? OR METASEARCH? OR QUERY? OR INTERROGAT? OR RESEA- RCH? OR (SEEK? OR FIND? OR GATHER? OR LOOK?()UP)(2N)(INFORMATI- ON OR INFO OR DATA) OR DATAMINING OR DATA()MINING OR PRODUCT? ?(1N)FIND? OR LOOKUP)(3N)(ENGINE OR ENGINES OR INTERFACE? ? - OR MODULE OR TOOL OR TOOLS OR SYSTEM? ? OR PROGRAM? ? OR APPLI- CATION? ? OR PLATFORM? ?) OR SEARCHENGINE? ?)
S12	5	S11 AND S4 AND S5
S13	5	S11 AND S3 AND S5
S14	5	(S12 OR S13) NOT S10
S15	28	S2 AND S5
S16	17322	((PRODUCT? ? OR ITEM? ? OR MERCHANDISE)(2N)(FIND? OR LOCAT? OR LOOK?()UP OR LOOKUP OR SEARCH? OR QUERY?))
S17	2	S15 AND S16
S18	2	S17 NOT (S10 OR S14)
S19	4623	(TABLE OR TABLES OR GRID OR GRIDS OR TABULATED OR TABULATI- ON OR TABULAR OR ROWS(5N)COLUMNS OR MATRIX OR MATRICES)(5N)S5
S20	28	S19 AND S1
S21	23	S20 NOT S15
S22	50	S4 AND (S1 OR S11)
S23	1	S22 AND S19



S24 5 S22 AND S16  
 S25 49 (S21 OR S15 OR S23 OR S24) NOT (S10 OR S14 OR S18)  
 S26 3 S25 AND PY=1963:2000  
 S27 12 S25 AND AY=1963:2000 AND AC=US  
 S28 12 S26 OR S27

10/3,K/2 (Item 2 from file: 350)

DIAL. OG(R)File 350: Derwent WPIX

(c) 2011 Thomson Reuters. All rights reserved.

0014763783 *Drawing available*

WPI Acc no: 2005-111441/200512

XRPX Acc No: N2005-096301

**Query modeling tool for database management system, covers several dialects of query language and comprises atomic/hierarchical representations of desired query elements**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: PAYTON B G; POLYVIOU S; SCANLON M N; SHOLARS S I; SPEAKES A

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20050015368	A1	20050120	US 2003620633	A	20030715	200512	B

Priority Applications (no., kind, date): US 2003620633 A 20030715

**Claims:** What is claimed is: 1. A query assist tool providing a dynamically adaptive interface for **creating** a **query search** condition, comprising: means for displaying **selectable** columns of a **table** in a first display area; means for displaying selectable query operators in a second display area; and means responsive to selection of an operator, for displaying **selectable options** for the **selected** query operator in a third region.

10/3,K/3 (Item 3 from file: 350)

DIAL. OG(R)File 350: Derwent WPIX

(c) 2011 Thomson Reuters. All rights reserved.

0010352993 *Drawing available*

WPI Acc no: 2000-668597/200065

XRPX Acc No: N2000-495624

**Database search item display control apparatus for personal computers, has reading unit which reads item name based on input selection command and control unit which controls display of search item name**

Patent Assignee: FUJI PHOTO FILM CO LTD (FUJIF)

Inventor: OTA Y; TANAKA K; OHTA Y

Patent Family ( 5 patents, 4 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
JP 2000276475	A	20001006	JP 199979571	A	19990324	200065	B
CN 1268709	A	20001004	CN 2000103446	A	20000310	200067	E
TW 469384	A	20011221	TW 2000105380	A	20000323	200254	E
CN 1162792	C	20040818	CN 2000103446	A	20000310	200612	E
US 7036074	B1	20060425	US 2000534309	A	20000323	200628	E

Priority Applications (no., kind, date): JP 199979571 A 19990324

Original Publication Data by Authority Argentina **Publication No. ...Claims:** customizing tool for changing search items displayed on a search page by inputting at least one of: change-targeted item-name data for changing a

**search-item name in the item-name table;**data representing an additional search-item name for adding a search-item name to the item-name table;display-item change data for changing a...

10/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350: Derwent WPIX

(c) 2011 Thomson Reuters. All rights reserved.

0010034147 *Drawing available*

WPI Acc no: 2000-338949/200029

XRPX Acc No: N2000-254473

**Multi-dimensional object/relational database system for managing various types of business information, has search engine which retrieves data from fact table according to class property designated by user**

Patent Assignee: ASPECT DEV (ASPE-N); I2 TECHNOLOGIES INC (ITWO-N); I2 TECHNOLOGIES US INC (ITWO-N)

Inventor: ALTHOFF J

Patent Family ( 6 patents, 88 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2000019340	A1	20000406	WO 1999US22674	A	19990930	200029	B
AU 200010978	A	20000417	AU 200010978	A	19990930	200035	E
EP 1125226	A1	20010822	EP 1999954690	A	19990930	200149	E
			WO 1999US22674	A	19990930		
KR 2001093775	A	200111029	KR 2001704144	A	20010330	200223	E
US 6366922	B1	20020402	US 1998102463	P	19980930	200226	E
			US 1999409069	A	19990930		
JP 2002526833	W	20020820	WO 1999US22674	A	19990930	200258	E
			JP 2000572777	A	19990930		

Priority Applications (no., kind, date): US 1998102463 P 19980930; US 1999409069 A 19990930

..**Original Abstracts:**dimension of class automatically inherit the linked reference to the consolidated data. A user can thereby select search criteria (32) within particular classes that correspond to the dimensions of **interest**. This search criteria is then used to form a query which is applied to a relational database, to obtain the desired results....**Claims:**oriented classes which are respectively associated with said plurality of dimensions and which map to corresponding data in said table, wherein said classes model a **hierarchy** of inherited properties; and **search engine** which retrieves data from said **table in accordance** with user-designated properties of **said** classes and said hierarchy of inherited properties.

10/3,K/6 (Item 6 from file: 350)

DIALOG(R)File 350: Derwent WPIX

(c) 2011 Thomson Reuters. All rights reserved.

0008504393 *Drawing available*

WPI Acc no: 1998-035158/199804

XRPX Acc No: N1998-028226

**Finite state machine direct language translation - starting from head word, e.g. verb, to find word pairs and recursively processing pairs to select lowest cost output**

Patent Assignee: AT & T CORP (AMTT)

Inventor: ALSHAWI H

Patent Family ( 8 patents, 20 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
EP 813156	A2	19971217	EP 1997109411	A	19970610	199804	B
CA 2202696	A	19971214	CA 2202696	A	19970415	199825	E
MX 199704287	A1	19980601	MX 19974287	A	19970610	200009	E
CA 2202696	C	20010206	CA 2202696	A	19970415	200111	E
US 6233544	B1	20010515	US 1996665182	A	19960614	200129	E
EP 813156	B1	20031126	EP 1997109411	A	19970610	200402	E
DE 69726339	E	20040108	DE 69726339	A	19970610	200411	E
			EP 1997109411	A	19970610		
MX 212693	B	20030128	MX 19974287	A	19970610	200412	E

Priority Applications (no., kind, date): US 1996665182 A 19960614; EP 1997109411 A 19970610

**Alerting Abstract** ...The original input can be text, handwriting or spoken. The translator operates on pairs of words and has a lexicon providing word pairs from the **source** and target language. The translator **selects** a head word, e.g. the main verb in a sentence or phrase, and locates the equivalent word in the target language... Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**head word; a bilingual lexicon that associates each transducer with the pair of head words; a parameter table that provides costs for each action taken **by** each head transducer; a transduction **search engine** that **generates** a plurality of candidate translations of the source language phrase using the head transducers and provides a total cost for each of the candidate translations... and target languages,a bilingual lexicon (15) that associates the transducer (13) with the pair of head words,a table (17) containing a plurality of **parameters selected** from the group consisting of costs and constraints, wherein one parameter of the plurality is assigned to each action of the at least one head transducer (13),a transduction **search engine (10) that generates** a plurality of candidate **translations of the source** language phrase using the at least one head transducer (13) and assigns a value to the translation wherein the value is a function of these langue cible (20) qui **selectionne une traduction** a partir de la pluralite des traductions candidates, et dans laquelle transducteur principal (13) convertit des sequences de langue source ordonnees a gauche et... cost of a translation is the sum of the cost for all actions taken by each transducer involved in the translation; and a target string **selector** that **selects a best** translation from the plurality of candidate translations by searching for the translation that has the lowest cost.

14/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350: Derwent WPIX

(c) 2011 Thomson Reuters. All rights reserved.

0009330697 *Drawing available*

WPI Acc no: 1999-262726/199922

XRPX Acc No: N1999-195561

**GUI development method for database access**

Patent Assignee: SUN MICROSYSTEMS INC (SUNM)

Inventor: BALLAMUDI S S R; BROWN T; CHEN L; GOURISHETTY A; GUPTA N; LAU F;

MADHUCHANDRA B; NAGARAJAYYA N

Patent Family ( 1 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 5892510	A	19990406	US 1996673860	A	19960702	199922	B

Priority Applications (no., kind, date): US 1996673860 A 19960702

Original Publication Data by Authority Argentina **Publication No. ...Original Abstracts:** object may have at least three data member storage elements, one for holding data, another for holding a label, and yet another for holding a **search** operator. The GUI **application program** also includes **field** map storage elements, each of which maps a field in a screen to a corresponding column in the database, thereby allowing database queries to be...

...**Claims:** map storage element defining an association between a column in a table of a database and an identification number indicative of the first field object; **customizing a database** function in the **source** code by adding a custom condition to a database query; compiling the source code to generate an executable computer application program comprising the screen, the first field object, the...

28/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350: Derwent WPIX

(c) 2011 Thomson Reuters. All rights reserved.

0014526015 *Drawing available*

WPI Acc no: 2004-707965/200469

Related WPI Acc No: 2002-048469; 2002-403539; 2002-556303

XRPX Acc No: N2004-561278

**Search method for Internet, involves automatically identifying resources having keywords that phonetically match search phase, and automatically performing search if no resource is identified**  
Patent Assignee: FELDSTEIN A M (FELD-I); GARBER D G (GARB-I); MICROSOFT CORP (MICT)  
Inventor: FELDSTEIN A M; GARBER D G

Patent Family ( 2 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20040186722	A1	20040923	US 1998107865	A	19980630	200469	B
			US 2001925225	A	20010806		
			US 2004768594	A	20040130		
US 7502781	B2	20090310	US 1998107865	A	19980630	200922	E
			US 2001925225	A	20010806		
			US 2004768594	A	20040130		

Priority Applications (no., kind, date): US 1998107865 A 19980630; US 2001925225 A 20010806; US 2004768594 A 20040130

**Original Abstracts:** A **search engine** implements a multi-level search scheme. A first level involves performing a keyword search based on character matching. A second level, performed only if the... phrase and of the keywords. A third level, performed only if the first and second levels yield no results, is a rough matching search. The **keywords** or **keyword** phrases are **specified** in a phrase **table**. Each entry of the phrase **table** **specifies** a **keyword** phrase, its phonetic representation, a topic URL, and an action that is to be performed in conjunction with the topic URL. There are a plurality... A **search engine** implements a multi-level search scheme. A first level involves performing a keyword search based on character matching. A second level, performed only if the... phrase and of the keywords. A third level, performed only if the first and second levels yield no results, is a rough matching search. The **keywords** or **keyword** phrases are **specified** in a phrase **table**. Each entry of the phrase **table** **specifies** a **keyword** phrase, its phonetic representation, a topic URL, and an action that is to be performed in conjunction with the topic URL. There are a plurality... Basic Derwent Week: 200469...

28/3,K/3 (Item 3 from file: 350)  
 DIALOG(R)File 350: Derwent WPIX  
 (c) 2011 Thomson Reuters. All rights reserved.  
 0013164153 *Drawing available*  
 WPI Acc no: 2003-247051/200324  
 Related WPI Acc No: 2002-372154; 2003-902131; 2005-210229  
 XRPX Acc No: N2003-196322

**Information retrieval method for searching databases of electronic text, involves generating term-document matrix to represent electronic information files stored in computer system**

Patent Assignee: MATHSOFT INC (MATH-N)

Inventor: MARCHISIO G B

Patent Family ( 1 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6510406	B1	20030121	US 1999125714	P	19990323	200324	B
			US 2000532605	A	20000322		

Priority Applications (no., kind, date): US 1999125714 P 19990323; US 2000532605 A 20000322

.ADVANTAGE - Enables **search engine** to interact with user and suggest concepts that may be related to a search. Enables browsing of a list of relevant documents that do not... Original Publication Data by Authority/ArgentinaPublication No. ...**Original Abstracts**:basis functions. Each basis encodes groups of conceptually related keywords. The bases are arranged in order of decreasing statistical relevance to a query. The disclosed **search engine** approximates the **input query** with a weighted sum of the first few bases. Other commercial applications than the disclosed **search engine** can also **be built** on the disclosed techniques. ...**Claims**:generating, responsive to said user query vector, an error-covariance matrix, wherein said error-covariance matrix reflects an expected degree of uncertainty in the initial **choice of keywords** of said user;formulating, **responsive** to said term-spread **matrix**, error-covariance **matrix**, and user query **vector**, a constrained optimization problem, wherein the choice of a lambda value equal to a Lagrange multiplier value in said constrained optimization problem determines the extent... Basic Derwent Week: 200324

28/3,K/5 (Item 5 from file: 350)  
 DIALOG(R)File 350: Derwent WPIX  
 (c) 2011 Thomson Reuters. All rights reserved.  
 0012457624 *Drawing available*  
 WPI Acc no: 2002-403539/200243  
 Related WPI Acc No: 2002-048469; 2002-556303; 2004-707965  
 XRPX Acc No: N2002-316645

**Internet resource navigation method for information retrieval, involves listing reference to topic resource associated with matched keyword phrase for potential selection**

Patent Assignee: MICROSOFT CORP (MICT)

Inventor: FELDSTEIN A M; GARBER D G

Patent Family ( 2 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20020032680	A1	20020314	US 1998107865	A	19980630	200243	B
			US 2001925225	A	20010806		
US 6748387	B2	20040608	US 1998107865	A	19980630	200437	E
			US 2001925225	A	20010806		

Priority Applications (no., kind, date): US 1998107865 A 19980630; US 2001925225 A 20010806

**Original Abstracts:** A search engine implements a multi-level search scheme. A first level involves performing a keyword search based on character matching. A second level, performed only if the first level yields no results... phrase and of the keywords. A third level, performed only if the first and second levels yield no results, is a rough matching search. The keywords or keyword phrases are specified in a phrase table. Each entry of the phrase table specifies a keyword phrase, its phonetic representation, a topic URL, and an action that is to be performed in conjunction with the topic URL. There are a plurality of defined actions, having... A search engine implements a multi-level search scheme. A first level involves performing a keyword search based on character matching. A second level, performed only if the first level yields no results, is a keyword search... phrase and of the keywords. A third level, performed only if the first and second levels yield no results, is a rough matching search. The keywords or keyword phrases are specified in a phrase table. Each entry of the phrase table specifies a keyword phrase, its phonetic representation, a topic URL, and an action that is to be performed in conjunction with the topic URL. There are a plurality of defined actions, having different priorities. If multiple keyword...

28/3,K/6 (Item 6 from file: 350)

DIAL.ORG(R)File 350; Derwent WPIX

(c) 2011 Thomson Reuters. All rights reserved.

0012438313 Drawing available

WPI Acc no: 2002-383590/200241

XPX Acc No: N2002-300277

#### Data relay system includes database section and server data receiving section

Patent Assignee: CELL INFORTECH INC (CELL-N); HIRAHARA H (HIRA-I); KAWAKURA Y (KAWA-I); KIZU S (KIZU-I); TOSHIBA KK (TOKE); UNO M (UNOM-I); YOSHIDA M (YOSH-I); YOSHIKAWA T (YOSH-I)

Inventor: HIRAHARA H; KAWAKURA Y; KIZU S; UNO M; YOSHIDA M; YOSHIKAWA T

Patent Family ( 7 patents, 93 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2002035369	A1	20020502	WO 2001JP2690	A	20010329	200241	B
AU 200144642	A	20020506	AU 200144642	A	20010329	200257	E
US 20040034521	A1	20040219	WO 2001JP2690	A	20010329	200414	E
			US 2003398656	A	20030414		
JP 2002538286	X	20040304	WO 2001JP2690	A	20010329	200417	E
			JP 2002538286	A	20010329		
US 7231421	B2	20070612	WO 2001JP2690	A	20010329	200740	E
			US 2003398656	A	20030414		
US 20070214214	A1	20070913	WO 2001JP2690	A	20010329	200762	E
			US 2003398656	A	20030414		
			US 2007751514	A	20070521		
US 7672994	B2	20100302	US 2001398656	A	20010329	201020	E
			WO 2001JP2690	A	20010329		
			US 2007751514	A	20070521		

Priority Applications (no., kind, date): JP 2000313009 A 20001013

**Claims:**local information with reference to the information of the multilingual conversion filter database, a ninth step of outputting said search requests to a contents server **interface** by **generating a search managing table** in a search processing section, searching global information and the local information for same information, and outputting said search requests to said contents server interface.... search requests and returning said contents to the multilingual system the contents server; a twelfth step of managing whether search information is obtained for each **searching item**; and a thirteenth step of returning said contents to said users through said Web server including a fourteenth step of managing a conversion information process...

28/3,K/7 (Item 7 from file: 350)

DIAL.OG(R)File 350: Derwent WPIX

(c) 2011 Thomson Reuters. All rights reserved.

0011112415 *Drawing available*

WPI Acc no: 2002-048469/200206

Related WPI Acc No: 2002-403539; 2002-556303; 2004-707965

XRPX Acc No: N2002-035811

**Different information resources navigation for internet use, involves initiating action associated with particular keyword phrase to match search phrase with particular keyword phrase**

Patent Assignee: MICROSOFT CORP (MICT)

Inventor: FELDSTEIN A M; GARBER D G

Patent Family ( 1 patents, 1 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6321226	B1	20011120	US 1998107865	A	19980630	200206	B

Priority Applications (no., kind, date): US 1998107865 A 19980630

A **search engine** implements a multi-level search scheme. A first level involves performing a keyword search based on character matching. A second level, performed only if the... ..phrase and of the keywords. A third level, performed only if the first and second levels yield no results, is a rough matching search. The **keywords** or **keyword** phrases are **specified** in a phrase **table**. Each entry of the phrase **table** **specifies** a **keyword** phrase, its phonetic representation, a topic URL, and an action that is to be performed in conjunction with the topic URL. There are a plurality... Basic Derwent Week: 200206

28/3,K/8 (Item 8 from file: 350)

DIAL.OG(R)File 350: Derwent WPIX

(c) 2011 Thomson Reuters. All rights reserved.

0010972222 *Drawing available*

WPI Acc no: 2001-596041/200167

Related WPI Acc No: 2002-041535; 2008-A71904

XRPX Acc No: N2001-444293

**Creating real-time search engine over Internet that provides a search response containing data object descriptions and server descriptions of data objects**

Patent Assignee: FANNING J (FANN-I); FANNING S (FANN-I); KESSLER E (KESS-I); NAPSTER INC (NAPS-N)

Inventor: FANNING J; FANNING S; KESSLER E

Patent Family ( 16 patents, 91 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
---------------	------	------	--------------------	------	------	--------	------

WO 2001044973	A2	20010621	WO 2000US33856	A	20001214	200167	B
AU 200120982	A	20010625	AU 200120982	A	20001214	200167	E
US 6366907	B1	20020402	US 1999464653	A	19991215	200226	E
US 20020055920	A1	20020509	US 1999464653	A	19991215	200235	E
			US 200125443	A	20011219		
KR 2002062967	A	20020731	KR 2002707492	A	20020612	200308	E
JP 2004502987	W	20040129	WO 2000US33856	A	20001214	200413	E
			JP 2001545996	A	20001214		
EP 1390871	A2	20040225	EP 2000984349	A	20001214	200415	E
			WO 2000US33856	A	20001214		
CN 1518708	A	20040804	CN 2000818994	A	20001214	200475	E
BR 200016397	A	20050726	BR 200016397	A	20001214	200551	E
			WO 2000US33856	A	20001214		
TW 227976	B1	20050211	TW 2001126949	A	20010205	200625	E
AU 783937	B2	20060105	AU 200120982	A	20001214	200654	E
US 7165071	B2	20070116	US 1999464653	A	19991215	200706	E
			US 200125443	A	20011219		
US 20070094275	A1	20070426	US 1999464653	A	19991215	200730	E
			US 200125443	A	20011219		
			US 2006635251	A	20061205		
CN 1331076	C	20070808	CN 2000818994	A	20001214	200810	E
KR 754907	B1	20070904	WO 2000US33856	A	20001214	200839	E
			KR 2002707492	A	20020612		
US 7542996	B2	20090602	US 1999464653	A	19991215	200936	E
			US 200125443	A	20011219		
			US 2006635251	A	20061205		

Priority Applications (no., kind, date): US 1999464653 A 19991215; US 200125443 A 20011219; US 2006635251 A 20061205

**.Original Abstracts:**data object from the first server to the search-engine index, ii. uploading a first server description from the first server to a server-description **table** within the **search-engine** index, and iii. relating the first server description to the first video data object description within the search-engine index.... a description, such as a song title or file name, of the first data object, to the search engine during the log-in process. The **search engine** comprises a data-object description **table** for storing and correlating various data object descriptions to respective server identifiers identifying servers currently on line that store the data objects defined by the...

What is claimed is:1. A file sharing network for sharing files among a plurality of servers comprising: a. a **search engine** comprising a data object description **table**;b. a plurality of servers including a first server defined according to a first server identifier, the first server comprising a first data object defined.... data object from the first server to the search-engine index; ii. uploading a first server description from the first server to a server-description **table** within the **search-engine** index; and iii. relating the first server description to the first video data object description within the search-engine index. ...Basic Derwent Week: 2000WO-US0033856



## B. Patent Files, Full-Text

**File 348:EUROPEAN PATENTS 1978-200936**

(c) 2009 European Patent Office

**File 349:PCT FULLTEXT 1979-2009/UB=20090827|UT=20090709**

(c) 2009 WIPO/Thomson

**File 325:Chinese Patents Fulltext 1985-20100331**

(c) 2010

Set	Items	Description
S1	40559	(SEARCH? OR METASEARCH?)(3N)(ENGINE OR ENGINES OR TOOL? ? - OR INTERFACE? ?)
S2	2545466	(TABLE OR TABLES OR GRID OR GRIDS OR TABULATED OR TABULATI- ON OR TABULAR OR ROWS(5N)COLUMNS OR MATRIX OR MATRICES)
S3	2893	(CUSTOM OR CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERSON- ALIS? OR INDIVIDUALIZ?)(4N)S2
S4	609242	(CREAT? OR BUILD? OR (SET OR SETS OR SETTING)()UP OR SETUP OR CONSTRUCT? OR DESIGN? OR GENERAT? OR PRODUCE? ? OR PRODUCI- NG OR ARRANG? OR CONFIGUR?)(5N)S2
S5	779652	(SELECT? OR CHOOSE? OR CHOICE OR CHOSEN OR SPECIFY? OR SPEC- IFIE? ? OR DESIGNAT? OR PICK OR PICKS OR PICKED OR PICKING OR INDICAT? OR CLICK? OR DECID?)(5N)(FEATURE OR FEATURES OR OPTI- ON? ? OR ATTRIBUTE OR ATTRIBUTES OR PARAMETER? ? OR PREFERENCE- E? ? OR VARIABLE? ? OR CHARACTERISTIC? ? OR AMENIT? OR INTERE- ST? ? OR SOURCE OR SOURCES OR KEYWORD? ? OR KEYTERM? ? OR (KEY OR SEARCH)()WORD? ? OR TERM? ?))
S6	502	S3 (10N) S4
S7	2	S6 (10N) S1
S8	21567	S5 (5N) S2
S9	31	S8 (20N) S1
S10	8	S9 (10N) (S3 OR S4)
S11	10	(S7 OR S10)
S12	23	S9 NOT S11
S13	3	S12 NOT PY>2000
S14	4	S12 NOT AY>2000
S15	4	S13 OR S14
S16	1761741	((SEARCH? OR METASEARCH? OR QUERY? OR INTERROGAT? OR RESEA- RCH? OR (SEEK? OR FIND? OR GATHER? OR LOOK?()UP OR RETRIEV?)(- 2N)(INFORMATION OR INFO OR DATA) OR DATAMINING OR DATA()MINING OR PRODUCT? ?(1N)FIND? OR LOOKUP)(3N)(ENGINE OR ENGINES OR I- NTERFACE? ? OR MODULE OR TOOL OR TOOLS OR SYSTEM? ? OR PROGRA- M? ? OR APPLICATION? ? OR PLATFORM? ?) OR SEARCHENGINE? ?)
S17	13	S16 (20N) S6
S18	2	S17 (20N) S5
S19	109	S8 (10N) S16
S20	47356	(PRODUCT? ? OR ITEM? ? OR MERCHANDISE)(2N)(FIND? OR LOCAT? OR LOOK?()UP OR LOOKUP OR SEARCH? OR QUERY?)
S21	5	S19 (20N) S20
S22	7	(S18 OR S21) NOT S15
S23	1190	S1 (3N) S2
S24	7	S23 (10N) S8
S25	22	S23 (20N) S5
S26	21	(S24 OR S25) NOT (S15 OR S22)
S27	4	S26 NOT AY>2000
S28	1	S26 NOT PY>2000
S29	4	S27 OR S28

DIALOG(R)File 348: EUROPEAN PATENTS  
(c) 2011 European Patent Office. All rights reserved.  
11/3K/1 (Item 1 from file: 348)  
01252951

**DYNAMIC CONTROL OF SEARCH DURATION IN A WIRELESS COMMUNICATION DEVICE**  
**DYNAMISCHE SUCHDAUERSTEUERUNG IN EINEM SCHNURLOSEN KOMMUNIKATIONSGERAT**  
**COMMANDE DYNAMIQUE DE TEMPS DE RECHERCHE DANS UN DISPOSITIF DE**  
**COMMUNICATION SANS FIL**

**Patent Assignee:**

- **QUALCOMM INCORPORATED** (910897)  
5775 Morehouse Drive; San Diego, CA 92121-1714 (US)  
(Proprietor designated states: all)

**Inventor:**

- **HUGHES, Robbin, D.**  
7133 Blakstad Court; San Diego, CA 92126; (US)
- **WILLIAMSON, Paul, T.**  
5331 Channing Street; San Diego, CA 92117; (US)

**Legal Representative:**

- **Dunlop, Hugh Christopher et al (59552)**  
R G C Jenkins & Co. 26 Caxton Street; London SW1H 0RJ; (GB)

	Country	Number	Kind	Date	
Patent	EP	1192727	A1	20020403	(Basic)
Patent	EP	1192727	B1	20060517	
	WO	2001003321		20010111	
Application	EP	2000944992		20000628	
	WO	2000US17899		20000628	
Priorities	US	346368		19990701	

**Specification:** ...the search window size as an index, the microprocessor retrieves a set of search parameters from a lookup table and passes these parameters to the **search engine**. The **search parameters** in the lookup table are **selected** so as to **produce** a search which is nearly constant, or of a desired duration independent of the search window size.

The search parameters in the lookup table comprise... ..microprocessor retrieves a set of search parameters from a lookup table and passes these parameters to the element executing the searching processes such as a **search engine**. The **search parameters** in the lookup table are **selected** so as to **produce** a search which is nearly constant, or of a desired duration, independent of the search window size.

DIALOG(R)File 348: EUROPEAN PATENTS  
(c) 2011 European Patent Office. All rights reserved.  
11/3K/2 (Item 2 from file: 348)  
00449142

**HIERARCHICAL PRESEARCH-TYPE DOCUMENT RETRIEVAL METHOD, APPARATUS**  
**THEREFOR, AND MAGNETIC DISC DEVICE FOR THIS APPARATUS**  
**HIERARCHISCHER VORSUCH-TYP DOKUMENT SUCHVERFAHREN, VORRICHTUNG DAZU, SOWIE**

EINE MAGNETISCHE PLATTENANORDNUNG FUR DIESE VORRICHTUNG  
 PROCEDE DE RECHERCHE DOCUMENTAIRE A PRERECHERCHE HIERARCHIQUE, APPAREIL A CET  
 EFFET, ET DISPOSITIF A DISQUE MAGNETIQUE DESTINE A CET APPAREIL

**Patent Assignee:**

- **Hitachi, Ltd.** (204141)  
 6, Kanda Surugadai 4-chome; Chiyoda-ku, Tokyo 101-0062 (JP)  
 (applicant designated states: DE;FR;GB)

**Inventor:**

- **KATO, Kanji**  
 5297-5-4, Yamaguchi Tokorozawa-shi; Saitama 359; (JP)
- **FUJISAWA, Hiromichi**  
 3-15-K-510, Kotesashicho Tokorozawa-shi; Saitama 359; (JP)
- **OOYAMA, Mitsuo**  
 625-23, Nagabusamachi Hachioji-shi; Tokyo 193; (JP)
- **KAWAGUCHI, Hisamitsu**  
 2-32, Koyasumachi Hachioji-shi; Tokyo 192; (JP)
- **HATAKEYAMA, Atsushi**  
 4-14-6, Nishikoigakubo Kokubunji-shi; Tokyo 185; (JP)
- **KANEOKA, Noriyuki**  
 1-47-1, Akatsukicho Hachioji-shi; Tokyo 192; (JP)
- **AKIZAWA, Mitsuru**  
 2-32, Koyasumachi Hachioji-shi; Tokyo 192; (JP)
- **FUJINAWA, Masaaki**  
 2196-469, Hirai Hinodemachi; Nishitamagun Tokyo 190-01; (JP)
- **MASUZAKI, Hidefumi**  
 1113-5, Horinishi Hadano-shi; Kanagawa 259-13; (JP)
- **MURAKAMI, Masaharu**  
 183-25, Shimobori Odawara-shi; Kanagawa 250; (JP)

**Legal Representative:**

- **Strehl Schubel-Hopf & Partner (100941)**  
 Maximilianstrasse 54; 80538 Munchen; (DE)

	Country	Number	Kind	Date	
Patent	EP	437615	A1	19910724	(Basic)
Patent	EP	437615	A1	19930602	
Patent	EP	437615	B1	19981021	
	WO	9016036		19901227	
Application	EP	90909360		19900614	
	WO	90JP774		19900614	
Priorities	JP	89149630		19890614	
	JP	89188773		19890724	
	JP	89188772		19890724	
	JP	89231567		19890908	

**Specification:** ...result storage memory 1146. Then, contracted texts of documents identified by the document identifiers are read from the text data file 1110 to the string **search engine** 1106 to perform contracted text search.

In the string **search engine** 1106, a group of **key words designated** by preliminarily set state transition **table** information are retrieved in input contracted text data. When any one of the key words is found, the identifier of the text file and the...

11/3K/5 (Item 3 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
(c) 2011 WIPO/Thomson. All rights reserved.  
00839931

**SYSTEMS AND METHODS OF CONDUCTING AN ADVERTISING CAMPAIGN**  
**SYSTEMES ET PROCEDES PERMETTANT DE MENER UNE CAMPAGNE PUBLICITAIRE**

**Patent Applicant/Patent Assignee:**

- **MINDARROW SYSTEMS INC**  
101 Enterprise #340, Aliso Viejo, CA 92656; US; US(Residence); US(Nationality); (For all designated states except: US)

**Patent Applicant/Inventor:**

- **MCEWAN Rick**  
Ecommercial.com, Inc., 101 Enterprise #340, Aliso Viejo, CA 92656; US; US(Residence); US(Nationality); (Designated only for: US)
- **HERRING Sergio**  
Ecommercial.com, Inc., 101 Enterprise #340, Aliso Viejo, CA 92656; US; US(Residence); US(Nationality); (Designated only for: US)

**Legal Representative:**

- **FISH Robert(et al)(agent)**  
Fish & Associates, LLP, 1440 N. Harbor Blvd., Suite 706, Fullerton, CA 92835; US

	Country	Number	Kind	Date
Patent	WO	200173604	A1	20011004
Application	WO	2000US8170		20000327
Priorities	WO	2000US8170		20000327

**Detailed Description:**

...targeted populations, or some combination of these. In particularly preferred embodiments the web site is a page served by a searching service, such as a **search engine**, in a **table** that is **custom designed** for a searcher. The advertisements can advantageously be accessed directly using their own URL addresses, and cells of the table can contain active hyperlinks to...

11/3,K/10 (Item 2 from file: 325)  
DIALOG(R)File 325: Chinese Patents Fulltext  
(c) 2011. SciPat Benelux NV. All rights reserved.  
0000788308

SciPat Acc No: CN1302410A *Drawing available*

**Method and system for multi-lingual on-line object matching**

Patent Assignee (name, country): TARGETMATCH LTD, IL

Inventor (name, country): LEVY ANAT, IL; LITVAK MULY, IL

	Patent Number	Patent Kind	Patent Date	Application Number	Kind	Date
--	---------------	-------------	-------------	--------------------	------	------

Main Patent:	CN 1302410	A	20010704	CN 2000800664	A	20000326
Priority:				US 1999277321	A	19990326

Record Type (Availability): ABSTRACT SPECIFICATION CLAIMS IMAGE

#### Detailed Description

...be detected 330

Rope so as to make the database 320 stored in the object and user attribute data matching. If

Find proper matching the **search engine** 330 **generating** one or several candidate object **table**. Hou

**Selection** of the object **attribute** data and independent language in the form of to be searched and the output filter 340 is transmitted. Output filter 340 the image data and...

DIALOG(R)File 348: EUROPEAN PATENTS

(c) 2011 European Patent Office. All rights reserved.

15/3K/1 (Item 1 from file: 348)

00888972

#### Method and apparatus for language translation

Verfahren und Apparat zur Sprachubersetzung

Procede et appareil pour la traduction de langues

#### Patent Assignee:

- **AT&T Corp.** (589370)  
32 Avenue of the Americas; New York, NY 10013-2412 (US)  
(Proprietor designated states: all)

#### Inventor:

- **Alshawi, Hiyam**  
29 Short Hills, Apt 1B; Millburn, New Jersey 07041; (US)

#### Legal Representative:

- **Kuhnén & Wacker (101501)**  
Patentanwalts-gesellschaft dbR Postfach 19 64; 85319 Freising; (DE)

	Country	Number	Kind	Date	
Patent	EP	813156	A2	19971217	(Basic)
Patent	EP	813156	A3	19981223	
Patent	EP	813156	B1	20031126	
Application	EP	97109411		19970610	
Priorities	US	665182		19960614	

**Specification:** ...of finite state transducers referred to as head transducers, a bilingual lexicon associating pairings of words from the two languages with particular head transducers, a **parameter table specifying** "cost" values for the actions taken by the transducers and a transduction **search engine** for finding the lowest cost translation of an input phrase or sentence. The action costs code lexical associations in the source and target language; a... ...a method 1a for translation utilizing the translator 1 shown in FIG. 1. The translator 1a includes an optional source language preprocessor 5, a transduction **search engine** 10, a plurality of head transducers 13, a bilingual lexicon 15, a parameter **table** 17 and a target string **selector** 20.

15/3K/3 (Item 2 from file: 349)  
DIALOG(R)File 349: PCT FULLTEXT  
(c) 2011 WIPO/Thomson. All rights reserved.  
00554422

**SYSTEM AND METHOD FOR MANAGING ATP DATA IN A DISTRIBUTED SUPPLY CHAIN  
PLANNING ENVIRONMENT**

GESTION DES DONNEES ATP DANS UN ENVIRONNEMENT DISTRIBUE DE PLANIFICATION DE  
CHAINE D'APPROVISIONNEMENT ET SYSTEME A CET EFFET

**Patent Applicant/Patent Assignee:**

- **IZ TECHNOLOGIES INC**

**Inventor(s):**

- **KENNEDY Brian M**
- **THOMAS Stanton L**
- **JOINER Herbert V**

	Country	Number	Kind	Date
Patent	WO	200017795	A1	20000330
Application	WO	99US21532		19990917
Priorities	US	98100964		19980918

**Detailed Description:**

...parameters may include shipping requirements, preferences with respect to product sourcing, product alternates or substitutions, and ship-to location, price targets, and any other appropriate **parameters**. The user may **select** from a **table** of available products, organized according to product group or in another suitable manner, using a product catalog, **search engine**, or otherwise. Once the user selects one or more products, the user may specify desired quantities, desired due dates, and any additional parameters such as...

DIALOG(R)File 348: EUROPEAN PATENTS  
(c) 2011 European Patent Office. All rights reserved.  
22/3K/2 (Item 2 from file: 348)  
01090871

**MOBILE DATA COLLECTION SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS**  
MOBILE DATENERFASSUNGSSYSTEME, VERFAHREN UND COMPUTERPROGRAMMPRODUKTE  
SYSTEMES MOBILES DE COLLECTE DE DONNEES, PROCEDES ET PRODUITS PROGRAMMES  
INFORMATIQUES

**Patent Assignee:**

- **The Coca-Cola Company (232417)**  
One Coca-Cola Plaza N.W.; Atlanta, GA 30309 (US)  
(Proprietor designated states: all)

**Inventor:**

- **KMACK, Kenneth, C.**  
302 Dunwoody Chace; Atlanta, GA 30328; (US)
- **KRIGLINE, Kevin, K.**  
40 Bent Pine Point; Newnan, GA 30265; (US)

- **VALLEJO, Vicente, E.**  
697 Highland Oaks Lane; Mableton, GA 30126; (US)
- **TIPSWORD, Jackie, L., Jr.**  
3994 Paloverde Drive; Kennesaw, GA 30144; (US)
- **MORGAN, William, C.**  
106 Spring Creek Court; Canton, GA 30155; (US)

**Legal Representative:**

- **Jackson, Robert Patrick (80311)**  
Frank B. Dehn & Co., European Patent Attorneys, 179 Queen Victoria Street; London EC4V 4EL; (GB)

	Country	Number	Kind	Date	
Patent	EP	1062639	A1	20001227	(Basic)
Patent	EP	1062639	B1	20021218	
	WO	99046736		19990916	
Application	EP	99913892		19990311	
	WO	99US5641		19990311	
Priorities	US	42361		19980313	

**Specification:** ...accomplished, according to the present invention, by an extensively configurable measurement tool that may comprise a workstation for customizing a portable computing device for broad **application** in **data gathering** for time and motion studies. The workstation performs a **setup** that **generates customized data tables** that are downloaded to the portable computing device. The portable computing device then utilizes the **data tables** to **generate customized** user interfaces that present predefined lists and parameters that were defined during setup. Thus, the user can quickly and easily **select** activities and **parameters** during a time and motion study for accurately recording data for subsequent analysis.

DIALOG(R)File 348: EUROPEAN PATENTS

(c) 2011 European Patent Office. All rights reserved.

22/3K/3 (Item 3 from file: 348)

00922868

**Apparatus for recognizing input character strings by inference**

Gerat zum Erkennen von eingegeben Zeichenketten durch Folgerung

Appareil de reconnaissance de chaines de caracteres entrees par inference

**Patent Assignee:**

- **Hitachi, Ltd.** (204141)  
6, Kanda Surugadai 4-chome; Chiyoda-ku, Tokyo 101 (JP)  
(Proprietor designated states: all)

**Inventor:**

- **Gunji, Keiko**  
2-50, Jyoutou 2-chome; Mito-shi, Ibaraki 310; (JP)
- **Katsura, Koyo**  
3122-5, Mayumi-cho; Hitachiohta-shi, Ibaraki 313; (JP)
- **Kuzunuki, Soshiro**  
3600-150, Nakane; Hitachinaka-shi, Ibaraki 312; (JP)

- **Miura, Masaki**  
7-16, Higashiohnuma-cho 3-chome; Hitachi-shi, Ibaraki 316; (JP)
- **Yokota, Toshimi**  
847-147, Tenjinbayashi-cho; Hitachiohta-shi, Ibaraki 313; (JP)

**Legal Representative:**

- **Beetz & Partner Patentanwalte (100712)**  
Steinsdorfstrasse 10; 80538 Munchen; (DE)

	Country	Number	Kind	Date
Patent	EP	841630	A2	19980513 (Basic)
Patent	EP	841630	A3	19990901
Patent	EP	841630	B1	20030917
Application	EP	97108132		19970520
Priorities	JP	96125360		19960521
	JP	96224808		19960827
	JP	96261936		19961002

**Claims:** ...string of characters is entered or uses a predetermined weight or a predetermined priority-order number set in advance by said data base.

24. A **search system** comprising:

an **attribute** specification (definition) **table** for **specifying** a pointer to **attributes** of data of each **search item** to be **searched** for; and

an analogy table for cataloging analogy relations among said data based on said attributes, wherein data analogous to an input keyword is produced...

22/3K/6 (Item 3 from file: 349)

DIALOG(R)File 349: PCT FULLTEXT

(c) 2011 WIPO/Thomson. All rights reserved.

00887641

**MARKETING COLLATERAL REPOSITORY AND SUPPORTING DATA MANAGEMENT AND COMMUNICATION ENVIRONMENT**

ORGANE D'ARCHIVAGE COLLATERAL DE COMMERCIALISATION ET SYSTEMES DE COMMUNICATION ET DE GESTION DE DONNEES DE SUPPORT

**Patent Applicant/Inventor:**

- **BRIERE Daniel D**  
803 Warrenville Road, Mansfield Center, CT 06250; US; US(Residence); US(Nationality)

**Legal Representative:**

- **PETERSON Thomas L(et al)(agent)**  
Banner & Witcoff, Ltd., Eleventh Floor, 1001 G Street, N.W., Washington, DC 20001-4597; US

	Country	Number	Kind	Date
Patent	WO	200219790	A2-A3	20020314
Application	WO	2001US27721		20010907



	Country	Number	Kind	Date
Priorities	US	2000230799		20000907

#### Detailed Description:

...is viewable in a listing format. There is also a matrix view format that allows users to either Select All or Select Specific Sellers to **create a custom matrix**; users have the **option of selecting** all possible fields for that category or selected fields as well. There is a transpose option that allows views with either features or Sellers across...

...file and send it as an email attachment. Data output modules include Buyer's Guide Matrix, Side-by-Side Comparison Engine, Company Profiles, Link Pages, **Data Mining Engine**, Glossary, etc.

Data Input - In this module, corporations can enter their data into predefined fields. Users enter the system via a USERID and PASSWORD-protected...to allow control by the front-end scripting templates and by back end components such as databases, messaging servers, etc.

Data Access Objects - User Interface

**Matrix Generator** - accept user input to **generate custom matrices** of mBLAST data - ability to save **Matrix designs** in user account

Comparison Engine - The Comparison Engine module enables you to compare any range of companies and features against one another -- creating a more...

DIALOG(R)File 348: EUROPEAN PATENTS

(c) 2011 European Patent Office. All rights reserved.

29/3K/1 (Item 1 from file: 348)

01252951

**DYNAMIC CONTROL OF SEARCH DURATION IN A WIRELESS COMMUNICATION DEVICE**  
**DYNAMISCHE SUCHDAUERSTEUERUNG IN EINEM SCHNURLOSEN KOMMUNIKATIONSGERAT**  
**COMMANDE DYNAMIQUE DE TEMPS DE RECHERCHE DANS UN DISPOSITIF DE**  
**COMMUNICATION SANS FIL**

#### Patent Assignee:

- QUALCOMM INCORPORATED** (910897)  
5775 Morehouse Drive; San Diego, CA 92121-1714 (US)  
(Proprietor designated states: all)

#### Inventor:

- HUGHES, Robbin, D.**  
7133 Blakstad Court; San Diego, CA 92126; (US)
- WILLIAMSON, Paul, T.**  
5331 Channing Street; San Diego, CA 92117; (US)

#### Legal Representative:

- Dunlop, Hugh Christopher et al (59552)**  
R G C Jenkins & Co. 26 Caxton Street; London SW1H 0RJ; (GB)

	Country	Number	Kind	Date	
Patent	EP	1192727	A1	20020403	(Basic)
Patent	EP	1192727	B1	20060517	
	WO	2001003321		20010111	
Application	EP	2000944992		20000628	

	Country	Number	Kind	Date
	WO	2000US17899		20000628
Priorities	US	346368		19990701

**Specification:** ...Number 09/346,369, entitled "DYNAMIC ALLOCATION OF MICROPROCESSOR RESOURCES IN A WIRELESS COMMUNICATION DEVICE" filed concurrently with the present application. The microprocessor 40, after **selecting** the desired search **parameters**, passes the initial PN offset, search window size and the search parameters from the **table** to the **search engine 44**. The **search engine 44**, using the **search parameters**, performs a search according to well-known techniques. For example, during the search process, the search engine 44 steps through the search window. In...

### III. Text Search Results from Dialog

#### A. NPL Files, Abstract

**File 35:** Dissertation Abs Online 1861-2010/DEC  
(c) 2011 ProQuest Info&Learning

**File 583:** Gale Group Globalbase(TM) 1986-2002/Dec 13  
(c) 2002 Gale/Cengage

**File 65:** Inside Conferences 1993-2011/Jan 24  
(c) 2011 BLDSC all rts. reserv.

**File 2:** INSPEC 1898-2011/Jan W3  
(c) 2011 The IET

**File 99:** Wilson Appl. Sci & Tech Abs 1983-2010/Dec  
(c) 2011 The HW Wilson Co.

**File 256:** TecTrends 1982-2011/Jan W3  
(c) 2011 Info.Sources Inc. All rights res.

**File 8:** Ei Compendex(R) 1884-2011/Jan W4  
(c) 2011 Elsevier Eng. Info. Inc.

**File 34:** SciSearch(R) Cited Ref Sci 1990-2011/Jan W3  
(c) 2011 The Thomson Corp

**File 434:** SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 2006 The Thomson Corp

**File 56:** Computer and Information Systems Abstracts 1966-2011/Jan  
(c) 2011 CSA.

**File 7:** Social SciSearch(R) 1972-2011/Jan W3  
(c) 2011 The Thomson Corp

Set	Items	Description
S1	102117	(SEARCH? OR METASEARCH?) (3N) (ENGINE OR ENGINES OR TOOL? ? - OR INTERFACE? ? OR SYSTEM? ? OR APPLICATION? ? OR PROGRAM? ?)
S2	2531731	(TABLE OR TABLES OR GRID OR GRIDS OR TABULATED OR TABULATI- ON OR TABULAR OR ROWS(5N) COLUMNS OR MATRIX OR MATRICES)
S3	1159	(CUSTOM OR CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERSON- ALIS? OR INDIVIDUALIZ?) (4N) S2
S4	208803	(CREAT? OR BUILD? OR (SET OR SETS OR SETTING) () UP OR SETUP OR CONSTRUCT? OR DESIGN? OR GENERAT? OR PRODUCE? ? OR PRODUCI- NG OR ARRANG? OR CONFIGUR?) (5N) S2

```

S5      579245  (SELECT? OR CHOOSE? OR CHOICE OR CHOSEN OR SPECIFY? OR SPEC-
              IFIE? ? OR DESIGNATE? OR PICK OR PICKS OR PICKED OR PICKING OR
              INDICATE? OR CLICK? OR DECIDE?)(5N)(FEATURE OR FEATURES OR OPTI-
              ON? ? OR ATTRIBUTE OR ATTRIBUTES OR PARAMETER? ? OR PREFERENC-
              E? ? OR VARIABLE? ? OR CHARACTERISTIC? ? OR AMENITY? OR INTERE-
              ST? ? OR SOURCE OR SOURCES OR KEYWORD? ? OR KEYTERM? ? OR (KEY
              OR SEARCH) () (WORD? ? OR TERM? ?))

S6      10      S1 AND S3 AND S4
S7      0        S6 AND S5
S8      4521     S5 (5N) S2
S9      21      S8 AND S1
S10     5        S9 AND (S3 OR S4)
S11     3        (S6 OR S10) NOT PY>2000
S12     3        RD (unique items)
S13     5        S9 NOT (S12 OR PY>2000)
S14     5        RD (unique items)

```

No relevant results

## B. NPL Files, Full-text

```

File 674:Computer News Fulltext 1989-2006/Sep W1
(c) 2006 IDG Communications
File 647:UBM Computer Fulltext 1988-2011/Jan W3
(c) 2011 UBM, LLC
File 56:Computer and Information Systems Abstracts 1966-2011/Jan
(c) 2011 CSA.
File 15:ABI/Inform(R) 1971-2011/Jan 22
(c) 2011 ProQuest Info&Learning
File 9:Business & Industry(R) Jul/1994-2011/Jan 22
(c) 2011 Gale/Cengage
File 610:Business Wire 1999-2011/Jan 24
(c) 2011 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire
File 275:Gale Group Computer DB(TM) 1983-2011/Dec 03
(c) 2011 Gale/Cengage
File 624:McGraw-Hill Publications 1985-2011/Jan 24
(c) 2011 McGraw-Hill Co. Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2011/Nov 24
(c) 2011 Gale/Cengage
File 636:Gale Group Newsletter DB(TM) 1987-2011/Jan 21
(c) 2011 Gale/Cengage
File 613:PR Newswire 1999-2011/Jan 24
(c) 2011 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc
File 16:Gale Group PROMT(R) 1990-2011/Jan 13
(c) 2011 Gale/Cengage
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

```

File 634:San Jose Mercury Jun 1985-2011/Jan 21  
 (c) 2011 San Jose Mercury News  
 File 148:Gale Group Trade & Industry DB 1976-2011/Jan 21  
 (c) 2011 Gale/Cengage  
 File 47:Gale Group Magazine DB(TM) 1959-2011/Dec 21  
 (c) 2011 Gale/Cengage

Set	Items	Description
S1	515248	(SEARCH? OR METASEARCH?)(3N)(ENGINE OR ENGINES OR TOOL? ? - OR INTERFACE? ? OR SYSTEM? ? OR APPLICATION? ? OR PROGRAM? ?)
S2	48199	(TABLE OR TABLES OR GRID OR GRIDS OR TABULATED OR TABULATI- ON OR TABULAR OR ROWS(5N)COLUMNS OR MATRIX OR MATRICES)
S3	623	(CUSTOM OR CUSTOMIZ? OR CUSTOMIS? OR PERSONALIZ? OR PERSON- ALIS? OR INDIVIDUALIZ?)(4N)S2
S4	5907	(CREATE? OR BUILD? OR (SET OR SETS OR SETTING)()UP OR SETUP OR CONSTRUCT? OR DESIGN? OR GENERAT? OR PRODUCE? ? OR PRODUCI- NG OR ARRANG? OR CONFIGUR?)(5N)S2
S5	37447	(SELECT? OR CHOOS? OR CHOICE OR CHOSEN OR SPECIFY? OR SPEC- IFIE? ? OR DESIGNAT? OR PICK OR PICKS OR PICKED OR PICKING OR INDICAT? OR CLICK? OR DECID?)(5N)(FEATURE OR FEATURES OR OPTI- ON? ? OR ATTRIBUTE OR ATTRIBUTES OR PARAMETER? ? OR PREFERENC- E? ? OR VARIABLE? ? OR CHARACTERISTIC? ? OR AMENIT? OR INTERE- ST? ? OR SOURCE OR SOURCES OR KEYWORD? ? OR KEYTERM? ? OR (KEY OR SEARCH)() (WORD? ? OR TERM? ?))
S6	171	S3 (10N) S4
S7	9	S6 (20N) S1
S8	0	S7 (20N) S5
S9	488	S2 (6N) S5
S10	43	S9 (20N) S1
S11	1	S10 (30N) (S3 OR S4)
S12	38898	(PRODUCT? ? OR ITEM? ? OR MERCHANDISE)(2N)(FIND? OR LOCAT? OR LOOK?()UP OR LOOKUP OR SEARCH? OR QUERY?)
S13	2	S10 (20N) S12
S14	1692	S1 (5N) S2
S15	7	S14 (10N) S5
S16	3	(S7 OR S11 OR S13 OR S15) NOT PY>2000
S17	3	RD (unique items)

17/3,K/1 (Item 1 from file: 15)  
 DIALOG(R)File 15: ABI/Inform(R)  
 (c) 2011 ProQuest Info&Learning. All rights reserved.  
 01812093 04-63084

### Choosing an Internet search engine

Fichter, Darlene

Online v23n3 pp: 47-53

May/Jun 1999

ISSN: 0146-5422 Journal Code: ONL

Word Count: 2448

### Abstract:

...development will find a number of products available that cater to some needs and not others. An overview of nine of the more common intranet

**search engine products** and their standard and special **features** is presented in **tabular** form. **Choosing** an intranet **search engine** is a challenging task. As a librarian, one can contribute expertise with **search** and retrieval **systems** and knowledge of user's information needs to help evaluate and select the best intranet search engine for the organization.

---

17/3,K/2 (Item 1 from file: 275)

DIALOG(R)File 275: Gale Group Computer DB(TM)

(c) 2011 Gale/Cengage. All rights reserved.

01207753 **Supplier Number:** 06168044 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**The paranoia of the information age: trying to find the data your job depends on. (Ideas and Trends)**

Schrage, Michael

Lotus , v3 , n8 , p21(3)

Aug , 1987

ISSN: 8756-7334

**Language:** ENGLISH **Record Type:** FULLTEXT

**Word Count:** 1404 **Line Count:** 00110

...treat considerable amounts of unstructured information as an organized "textbase." Using keywords (any word or combination of words) assigned to text automatically or manually, the **program searches** the data and **generates a table** of contents based on the **selected keywords**. It's a clever way to organized and find information.

The point here, however, isn't that the paranoia of the information age is going...

---

17/3,K/3 (Item 1 from file: 47)

DIALOG(R)File 47: Gale Group Magazine DB(TM)

(c) 2011 Gale/Cengage. All rights reserved.

05513717 **Supplier Number:** 57800482 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**INTEGRATED LIBRARY SYSTEM SOFTWARE FOR SMALLER LIBRARIES.**

Beiser, Karl A.

Library Technology Reports , 35 , 4 , 365

July , 1999

ISSN: 0024-2586

**Language:** English **Record Type:** Fulltext

**Word Count:** 82294 **Line Count:** 06591

...Patron Classes, for lending rules are determined on the basis of Patron Class. Rules for loan periods, fines, numbers of items checked out, etc. are **specified** for each Patron Class with respect to each Circulation Type. Figure 8 shows the **matrix** for the Faculty Patron Class, accessible with the menu **choice** Administration...

#### **IV. Additional Resources Searched**

##### **Google/Bing/Google Patents**

**Search:** search engine with customized table

**Search:** "search engine" build custom search table

**Search:** build a search table

**Search:** search the internet using tabular search engine

**Search:** customized search engine table

<http://bioethicsportal.medicine.iu.edu/cibp/cse.htm>

*"Instead of searching the entire Web, each custom search engine searches a set of about 100 web sites that have been selected for the topic. Each custom search engine is accompanied with a table of subjects and search terms. To search, click on one of the subjects in the table"*

Date? Tried dating using the Wayback Machine at Archive.org, but it wasn't working:

Data Retrieval Failure.

We're sorry. We were unable to retrieve the requested data. We may be experiencing technical difficulties and suggest that you try again later.  
See the [FAQs](#) for more info and help, or [contact](#) us.

---

##### **QPat**

Search: ((SEARCH OR METASEARCH OR MULTISEARCH ) 2D (ENGINE OR ENGINES OR TOOL? OR INTERFACE? OR SYSTEM? OR APPLICATION? OR PROGRAM?) 8D (TABLE OR TABLES OR TABULATED OR TABULATION OR TABULAR OR (ROWS 3D COLUMNS))) AND ((CUSTOM OR CUSTOMIZ OR CUSTOMIS )) AND ((SELECT OR CLICK OR CHOOSE OR SPECIFY OR SPECIFIED OR PICK OR INDICAT ) 5D (PARAMETER? OR FEATURE? OR OPTION? OR ATTRIBUTES OR PREFERENCES OR VARIABLE? OR CHARACTERISTIC? OR INTEREST? OR VALUES)) AND PRD1<=2000-10-02


No relevant results

Search: ((SEARCH OR METASEARCH OR MULTISEARCH ) 2D (ENGINE OR ENGINES OR TOOL? OR INTERFACE? OR SYSTEM? OR APPLICATION? OR PROGRAM?) 8D (TABLE OR TABLES OR TABULATED OR TABULATION OR TABULAR OR (ROWS 3D COLUMNS))) AND ((SELECT OR CLICK OR CHOOS OR SPECIFY OR SPECIFIED OR PICK OR INDICAT ) 5D (PARAMETER? OR FEATURE? OR OPTION? OR ATTRIBUTES OR PREFERENCES OR VARIABLE? OR CHARACTERISTIC? OR INTEREST? OR VALUES)) AND PRD1<=2000-10-02

Search: ((SEARCH OR METASEARCH OR MULTISEARCH ) 2D (ENGINE OR ENGINES OR TOOL? OR INTERFACE? OR SYSTEM? OR APPLICATION? OR PROGRAM?) 8D (TABLE OR TABLES OR TABULATED OR TABULATION OR TABULAR OR (ROWS 3D COLUMNS)) 8D (CUSTOM OR CUSTOMIZ OR CUSTOMIS )) AND PRD1<=2000-10-02

### Customization of user interface for application programs.

- IBM

EP0367709 19900509  **Abstract:** An application program automatically creates and presents a customized user interface by determining a set of operations which is appropriate for the current user based on various relevant characteristics of the user and presenting only the specified operations in the menus, icons, application bars or other interface components of the application program.

---

### Nexis

[(((search! or metasearch! or multisearch!) w/2 (engine or engines or tool\* or interface\* or system\* or application\* or program\*) w/10 (table or tables or tabular or tabulated or tabulation or (rows w/3 columns))) w/20 ((select! or click! or choos! or specify! or specified or pick! or indicat!) w/5 (parameter\* or feature\* or option\* or attributes or preference\* or variable\* or characteristic\* or interest\* or values)))] (7)

No relevant results

[(((search! or metasearch! or multisearch!) w/2 (engine or engines or tool\* or interface\* or system\* or application\* or program\*) w/10 (table or tables or tabular or tabulated or tabulation or (rows w/3 columns))) w/20 (customiz! or customis! or custom)))] (3)

No relevant results